MISSION
Taking advantage of our tradition and long experience with R&D and production of Air Handling Units we are committed to develop optimal solutions in collaboration with customers and provide global service.

INNOVATIONS AND PERFORMANCE TESTING
Prototypes as well as design innovations of the existing products are realized by our in-house Engineering Center and all are tested in the factory’s certified test shop with expert staff and state-of-the-art testing instruments to ensure requested performance given by designed technical parameters. That is why all performance parameters shown in catalogues are guaranteed.

REFERENCES

JANKA ENGINEERING, Ltd
Vrálšká 143 | 153 01 Praha 5 – Radotín
Česká Republika
E-mail: railway@janka.cz
Phone: (+420) 251 088 777
Fax: (+420) 251 088 840

www.JANKA.cz

MAIN COMPONENTS SUPPLIERS

POLL Controller, Inventer | BOCK-GEA Compressor | Copeland Fans
Ziehl-Abegg Fans | ebm-papst Fans | LLoyds Coils Europe Coils
Emerson Refrigeration components | Danfoss Refrigeration components

RAILWAY
HVAC SYSTEMS
Established in 1872, JANKA is one of the oldest manufacturers of air-handling and air-conditioning equipment in the world. Production range is wide and comprises Air Handling Units, Centrifugal Fans, Industrial Coolers and Heaters and recently Transportation HVAC Systems.

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Janka Engineering, Ltd. is also one of the leading manufacturers of Industrial Coolers specialized in various types of Heat Exchangers for energy industry, car, ship and loco diesel engines, transformers and turbo generators.

JANKA ENGINEERING Ltd.

**TRADITION**

**JANKA ENGINEERING Ltd.**

**PRODUCT NAME**

- STR-HV-PRO SALOON
- STR-RT-PRO SALOON
- STR-RT-KYA SALOON
- CTR-T-RT-KYA CABINE
- CTR-T-RT-BTS CABINE
- STR-RT-BTS SALOON
- SCU-10T-CZ SALOON

**THE CZECH REPUBLIC, EU**

**JANKA ENGINEERING Ltd.**

**PRODUCT NAME**

- STR-HV-PRO SALOON
- STR-RT-PRO SALOON
- STR-RT-KYA SALOON
- CTR-T-RT-KYA CABINE
- CTR-T-RT-BTS CABINE
- STR-RT-BTS SALOON
- SCU-10T-CZ SALOON

**INDIA**

**LLOYD ELECTRIC & ENGINEERING Ltd.**

**PRODUCT NAME**

- RMVU
- DMRC R53
- KMRC RPMU
- RPMU 71TR
- RPMU 73
- CAB Loco 2TR
- COOLING TOWER

**CUSTOMER**

- BOMBÉZA
- BOMBÉZA
- PEOLL
- PEOLL
- PEOLL
- PEOLL
- PEOLL

**PLATFORM**

- Skoda Transportation
- Skoda Transportation
- Skoda Transportation
- Skoda Transportation
- Skoda Transportation
- Skoda Transportation
- Skoda Transportation
- Skoda Transportation

**CITY OF ORIGINATION**

- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Praha, Czech Republic

**COOLING CAPACITY (kw)**

- 6,0
- 16,7
- 20,4
- 25,0
- 25,0
- 20,4
- 20,4
- 20,4

**HEATING CAPACITY (kw)**

- 1600
- 1600
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0

**TOTAL AIR FLOW (m³/h)**

- 2 150
- 1 200
- 2 050
- 2 050
- 2 050
- 2 050
- 2 050
- 2 050

**LENGTH (mm)**

- 3 600
- 3 600
- 3 600
- 3 600
- 3 600
- 3 600
- 3 600
- 3 600

**HEIGHT (mm)**

- 1 220
- 1 750
- 1 590
- 1 590
- 1 590
- 1 590
- 1 590
- 1 590

**POWER SUPPLY**

- 3x 400 V AC blower
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC

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**PLATFORM**

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- Skoda Transportation
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**CITY OF ORIGINATION**

- Prague, Czech Republic
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- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Prague, Czech Republic
- Praha, Czech Republic

**COOLING CAPACITY (kw)**

- 1160
- 1160
- 1160
- 1160
- 1160
- 1160
- 1160
- 1160

**HEATING CAPACITY (kw)**

- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0

**TOTAL AIR FLOW (m³/h)**

- 2 375
- 2 375
- 2 375
- 2 375
- 2 375
- 2 375
- 2 375
- 2 375

**LENGTH (mm)**

- 2 000
- 2 000
- 2 000
- 2 000
- 2 000
- 2 000
- 2 000
- 2 000

**HEIGHT (mm)**

- 1 850
- 1 850
- 1 850
- 1 850
- 1 850
- 1 850
- 1 850
- 1 850

**POWER SUPPLY**

- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC
- 3x 400 V AC

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- Prague, Czech Republic

**COOLING CAPACITY (kw)**

- 1160
- 1160
- 1160
- 1160
- 1160
- 1160
- 1160

**HEATING CAPACITY (kw)**

- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0
- 8,0

**TOTAL AIR FLOW (m³/h)**

- 2 375
- 2 375
- 2 375
- 2 375
- 2 375
- 2 375
- 2 375

**LENGTH (mm)**

- 2 000
- 2 000
- 2 000
- 2 000
- 2 000
- 2 000
- 2 000

**HEIGHT (mm)**

- 1 850
- 1 850
- 1 850
- 1 850
- 1 850
- 1 850
- 1 850

**POWER SUPPLY**

- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz
- 3x 400 V AC / 50 Hz

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**TRADITION**

**JANKA ENGINEERING Ltd.**

**PRODUCT NAME**

- STR-HV-PRG
- STR-AT-PRG
- STR-AT-KYA
- CTR-AT-KYA
- STR-AT-BTS
- SCU-1T-CZ

**THE CZECH REPUBLIC, EU**

- **CUSTOMER**
  - BAHEZ
  - BAHEZ
  - PSL
  - PSL
  - PSL
  - PSL

- **PLATFORM**
  - Skoda Transportation
  - Skoda Transportation
  - Skoda Transportation
  - Skoda Transportation
  - Skoda Transportation
  - Skoda Transportation

- **CITY OF ORIGINATION**
  - Prague

- **COOLING CAPACITY (kw)**
  - 6,0

- **HEATING CAPACITY (kw)**
  - 1800

- **TOTAL AIR FLOW (m³/h)**
  - 1220

- **LENGTH (mm)**
  - 800

- **WIDTH (mm)**
  - 175

- **HEIGHT (mm)**
  - 443

- **WEIGHT (kg)**
  - 398

- **POWER SUPPLY**
  - 3x 400 V AC blower

**CUSTOMER**

- **CUSTOMER**
  - Škoda Transportation
  - Škoda Transportation
  - Škoda Transportation
  - Škoda Transportation
  - Škoda Transportation
  - RegioJET

- **PLATFORM**
  - Tram 15T ForCity
  - Tram 28T
  - ABmz coach train

- **CITY OF ORIGINATION**
  - Prague
  - Konya
  - Czech Republic

- **COOLING CAPACITY (kw)**
  - 20,4

- **HEATING CAPACITY (kw)**
  - 2300

- **TOTAL AIR FLOW (m³/h)**
  - 1750

- **WEIGHT (kg)**
  - 484

- **POWER SUPPLY**
  - 3x 400 V AC

**LOYD ELECTRIC & ENGINEERING Ltd.**

**PRODUCT NAME**

- RMUV
- DMRC RS3
- KMRU RMPU
- RPMU 71TR
- RPMU 17TR
- CAB Loco 2TR
- COOLING TOWER

**INDIA**

- **CUSTOMER**
  - BEML/ESG
  - BEML
  - EFL
  - RMU
  - EFL
  - EFL

- **PLATFORM**
  - Metro
  - Metro
  - Coach
  - Double Decker Coach
  - Double Decker Coach

- **CITY OF ORIGINATION**
  - Mumbai, India
  - Delhi, India
  - Kolkata, India

- **COOLING CAPACITY (kw)**
  - 16,7

- **HEATING CAPACITY (kw)**
  - 6,0

- **TOTAL AIR FLOW (m³/h)**
  - 2300

- **LENGTH (mm)**
  - 1956

- **WIDTH (mm)**
  - 484

- **HEIGHT (mm)**
  - 343

- **WEIGHT (kg)**
  - 398

- **POWER SUPPLY**
  - 3x 415 V AC / 50 Hz

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### PRODUCT NAME
- **STR-HV-PRG**
- **STR-AT-PRG**
- **STR-AT-KYA**
- **CTR-7-KYA**
- **CTR-7-BTS**
- **STR-AT-BTS**
- **SCU-1T-CZ**

### THE CZECH REPUBLIC, EU

**Customer**: BAHOZA

**Platform**: Skoda Transportation

**City of operation**: Prague

**Cooling Capacity**: 6,0 (kw)

**Heating Capacity**: 16,7 (kw)

**Total Air Flow**: 2 375 (m³/h)

**Weight**: 440 (kg)

**Power Supply**: 3x 400 V AC, 750 V DC heater, 24 V DC controller

### LLOYD ELECTRIC & ENGINEERING Ltd.

**Customer**: BOMBARDIER

**Platform**: Metro

**City of operation**: Mumbai, India

**Cooling Capacity**: No cooling

**Heating Capacity**: No heating

**Total Air Flow**: 7 500 (m³/h)

**Power Supply**: 3x 415 V AC / 50 Hz

### INDIA

**Customer**: BOMBARDIER

**Platform**: Metro

**City of operation**: Delhi, India

**Cooling Capacity**: 49,3 (kw)

**Heating Capacity**: 8,0 (kw)

**Total Air Flow**: 6 800 (m³/h)

**Power Supply**: 3x 415 V AC / 50 Hz
MISSION
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- BOCK-GEA Compressor
- Copeland Fans
- Ziehl-Abegg Fans
- ebm-papst Fans
- LLOYDS COILS EUROPE Coils
- Emerson Refrigeration components
- Danfoss Refrigeration components

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